

Message Text

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ACTION SS-30

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FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC IMMEDIATE 3259

S E C R E T MOSCOW 15272

EXDIS

E.O. 11652: GDS

TAGS: PARM, UR, US, OEXD

SUBJECT: TBT/PNE NEGOTIATIONS

1. THE SECOND PLENARY STARTED AT 10:45 A.M., OCT. 9.
THIS CABLE REPORTS ON EVENTS OF THIS MEETING ONLY.

2. AMBASSADOR STOESSEL, CHAIRING THE SESSION, OPENED AND
STATED THAT WE INTEND TO GIVE ATTENTION TO A FULLER EXPO-
SITION OF ISSUES WE FEEL SHOULD BE DISCUSSED IN THIS AND
SUBSEQUENT MEETINGS. BASIC PURPOSE TO DEVELOP PNE AGREE-
MENT. REITERATED US OBJECTIVE OF DEVELOPING SUCH AN
AGREEMENT, WORKING OPENLY PARALLELED INSTRUCTIONS. SOVIET VIEWS
ON CRITERIA AND CONCERNS WERE SOLICITED.

3. MOROKHOV REPLIED, STATING USSR WILL STUDY US STATE-
MENT WITH GREAT CARE. HE BEGAN TO REVIEW USSR PROGRAM.
HE MENTIONED MANY YEARS OF EXPERIENCE OF R & D OF PNE
APPLICATIONS, WHICH HAS INDICATED A LARGE NUMBER OF USES.
USE OF PNES MAKES POSSIBLE GRAND PROJECTS OTHERWISE
IMPOSSIBLE EVEN WITH LATEST METHODS AND EQUIPMENT.

4. THEY BEAR IN MIND OBLIGATIONS OF OUR COUNTRY UNDER
ARTICLE V, NPT.

5. THEY HAVE CONSIDERED UNDERGROUND CONTAINED PNE FOR
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OIL AND GAS STIMULATION; STORAGE OF OIL, GAS AND GAS

CONDENSATES; WASTE DISPOSAL OF HAZARDOUS MATERIALS, INCLUDING BIOLOGICALS; CONTROL OF RUNAWAY HYDROCARBON FIRES; ORE CRUSHING, INCLUDING RECOVERY BY LEACHING; GEOTHERMAL HEAT RECOVERY; AND DEEP SEISMIC SOUNDING.

6. THEY HAVE CONSIDERED EXCAVATION PNE FOR WATER RESERVOIRS IN ARID REGIONS; CANALS; HARBORS; OPEN PIT MINING, ALONG WITH ENTRY AND EXIT WAYS; HYDROELECTRIC DAMS; STORAGE FOR TAILINGS; ORE CRUSHING AND LEACHING; TRENCHES AND FILLS FOR RAILROADS AND HIGHWAYS.

7. THE 15 APPLICATIONS MENTIONED ABOVE WOULD SAVE TEMS OF MILLIONS OF RUBLES.

8. HE EXPLICITLY STATED THAT THEY CARRIED OUT EXPERIMENTS WITH QUOTE GROUP EXPLOSIONS UNQUOTE TO CONNECT THE PECHORA AND VOLGA RIVERS UNDER VERY DIFFICULT AND COMPLEX GEOLOGICAL AND ENGINEERING CONDITIONS, AND HAVE COLLECTED DATA ON THROWOUT CHARACTERISTICS AS WELL AS MECHANICAL DATA PERTAINING TO LAYERS OF LOOSE OVER-BURDEN ROCK.

9. PROBLEMS NEEDING MORE STUDY INCLUDE: QUOTE CONTROL OF THE ENERGY OF THE NUCLEAR EXPLOSIVE UNQUOTE; REDUCTION OF SEISMIC AND RADIATION EFFECTS. SOLVING THESE PROBLEMS WILL BROADEN FURTHER THE PROSPECTS OF PNE USE, AND SUCCESSFUL DEVELOPMENT CAN DEPEND ON US-USSR COOPERATION IN THESE FIELDS.

10. HE NOTED THAT THE USSR HAS AN ACTIVE PNE PROGRAM, WISHES TO PURSUE ARTICLE V AND STANDS READY FOR A BROAD COOPERATIVE PROGRAM WITH THE US IN THIS AREA.

11. WE WILL CONSIDER YOUR QUESTIONS REGARDING ARTICLE III AND WILL PROVIDE ANSWERS TO ALL THESE QUESTIONS, MOROKHOV STATED.

12. STOESSEL THANKED MOROKHOV, SAID WE WOULD STUDY HIS STATEMENT, REITERATED US CONCERN ABOUT OUR CRITERIA, AND CONSISTENCY WITH OTHER TREATIES, THE LTBT IN PARTICULAR AND OUR INTEREST IN THEN PLANNED USSR PNE PROGRAM, INCLUDING THE YIELD AND NUMBER OF EXPLOSIONS PLANNED.

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13. THE THIRD PLENARY IS PLANNED FOR 10:30 A.M. FRIDAY, OCTOBER 11.
STOESSEL

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NNN

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